

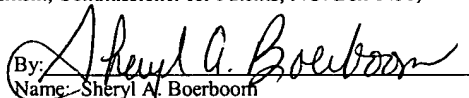
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CARLSON Examiner: UNKNOWN  
Serial No.: 10/727,059 Group Art Unit: 1645  
Filed: DECEMBER 2, 2003 Docket: 14095.1USC6  
Confirmation No.: 5023 Customer No.: 23552  
Title: ARTIFICIAL RECEPTORS INCLUDING AMINO ACID DERIVED BUILDING  
BLOCKS AND METHODS OF MAKING AND USING THEM

**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 14, 2005.

By:   
Name: Sheryl A. Boerboorn

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

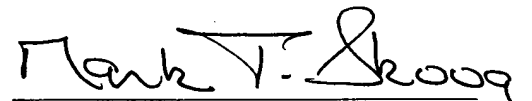
- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Supplemental Information Disclosure Statement, Form 1449, 9 References
- ☒ Return postcard

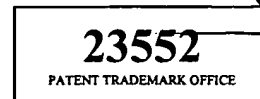
Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: Feb 14, 2005

  
Mark T. Skoog  
Reg. No. 40,178  
MTS:sab





S/N 10/727,059

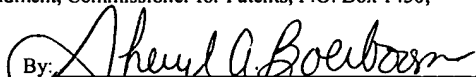
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	CARLSON	Examiner:	UNKNOWN
Serial No.:	10/727,059	Group Art Unit:	1645
Filed:	DECEMBER 2, 2003	Docket No.:	14095.1USC6
Confirmation No.:	5023	Customer No.:	23552
Title:	ARTIFICIAL RECEPTORS INCLUDING AMINO ACID DERIVED BUILDING BLOCKS AND METHODS OF MAKING AND USING THEM		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 14, 2005.

By:   
Name: Sheryl A. Boerboom

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. §1.98(a)(2). Because this application was filed after June 30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a

reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

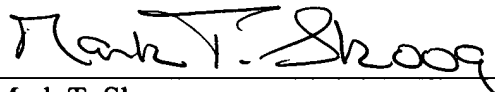
Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: Feb 14, 2005

  
Mark T. Skoog  
Reg. No. 40,178  
MTS:sab



<b>FORM 419F</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 14095.1USC6	Application Number: 10/727,059
	Applicant: CARLSON	
	Filing Date: 12/2/03	Group Art Unit: 1645

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,340,474	08/23/1994	Kauvar			
	2002/0187197 A1	12/12/2002	Caruso et al.			
	2004/0010126 A1	01/15/2004	Lubman et al.			
	2004/0137526 A1	07/15/2004	Hanash et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Korbel, G. et al., "A Method for Rapidly Determining the Enantiomeric Excess of Thousands of Samples", <i>J. Am. Chem. Soc.</i> , 123:361-362 (2001)
	Lindsley, C. et al., "Solid-Phase Biomimetic Synthesis of Carpanone-like Molecules", <i>J. Am. Chem. Soc.</i> , 122:422-423 (2000)
	Linton, B. et al., "Host-guest chemistry: combinatorial receptors", <i>Current Opinion in Chemical Biology</i> , 3:307-312 (1999)
	Pickens, J. et al., "Anchor-Based Design of Improved Cholera Toxin and <i>E. Coli</i> Heat-Labile Enterotoxin Receptor Binding Antagonists that Display Multiple Binding Modes", <i>Chemistry &amp; Biology</i> , 9:215-224 (2002)
	Rodriguez, M. et al., "An Oriented Peptide Array Library (OPAL) Strategy to Study Protein-Protein Interactions", <i>The Journal of Biological Chemistry</i> , 279(10):8802-8807 (2004)
	Sasaki, D. et al., "Crown Ether Functionalized Lipid Membranes: Lead Ion Recognition and Molecular Reorganization", <i>Langmuir</i> , 18:3714-3721 (2002)
	Sasmai, S. et al., "Facile Purification of Rare Cucurbiturils by Affinity Chromatography", <i>Organic Letters</i> , 6(8):1225-1228
	Srinivasan, N. et al., "Combinatorial approaches to synthetic receptors", <i>Current Opinion in Chemical Biology</i> , 8:305-310 (2004)
	Tomalia, D., "Birth of a New Macromolecular Architecture: Dendrimers as Quantized Building Blocks for Nanoscale Synthetic Organic Chemistry", <i>Aldrichimica ACTA</i> , 37(2): 39-57 (2004)

**23552**

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	